

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Marie Bendix HANSEN et al.
Title: METHOD FOR HIGH THROUGHPUT VOLUMES IN THE
FRACTIONATION OF BIO-MOLECULES BY
CHROMATOGRAPHIC SYSTEMS
Appl. No.: 10/548,403
Int'l. Filing Date: 03/19/2004
371(c) Date: 7/27/06
Examiner: Unassigned
Art Unit: Unassigned
Confirmation Number: 7935

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date 27 July 2006

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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 27, 2006 <i>(use as many sheets as necessary)</i>		Application Number	10/548,403
		Filing Date	03/19/2004
		First Named Inventor	Marie Bendix HANSEN
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
Attorney Docket Number	030307-0266		
Sheet	1	of	1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	B1	5 596 082		Kussendrager et al.	1/21/1997	
	B2	5 719 053		Primus Corporation	2/17/1998	
	B3	5 986 063		Wisconsin Alumni Research Foundation	11/16/1999	
	B4	6 498 236	B1	Upfront Chromatography A/S	12/24/2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
	B5	WO	02/096215	A1	UPFRONT CHROMATOGRAPHY A/S	12/5/2002		
	B6	WO	98/08603		UPFRONT CHROMATOGRAPHY A/S	5/5/1998		
	B7	WO	92/00799		KEM-EN-TEC A/S	1/23/1992		
	B8	WO	92/18237		PHARMACIA LKB BIOTECHNOLOGY AB	10/29/1992		
	B9	WO	97/17132		PHARMACIA BIOTECH AB	5/15/1997		
	B10	WO	98/33572		AMERSHAM PHARMACIA BIOTECH AB	8/6/1998		
	B11	WO	00/57982		UPFRONT CHROMATOGRAPHY A/S	10/5/2000		
	B12	WO	01/58924	A2	UPFRONT CHROMATOGRAPHY A/S	8/16/2001		
	B13	EP	0 538 350	B1	UPFRONT CHROMATOGRAPHY A/S	9/25/1996		
	B14	GB	1 363 783		Josef Anton MEGGLE	11/9/1971		
	B15	WO	99/65586		UPFRONT CHROMATOGRAPHY A/S	12/23/1999		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	B16	F. Birger ANSPACH et al., "Expanded-bed chromatography in primary protein purification", Journal of Chromatography A, 865 (1999) pp. 129-144.	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.